

digital cinema

current constraints
in
acquisition and projection

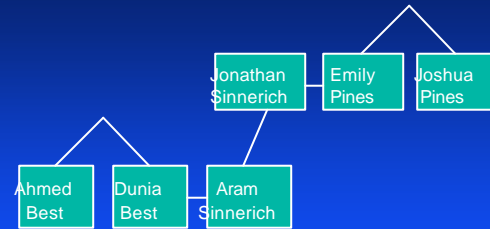
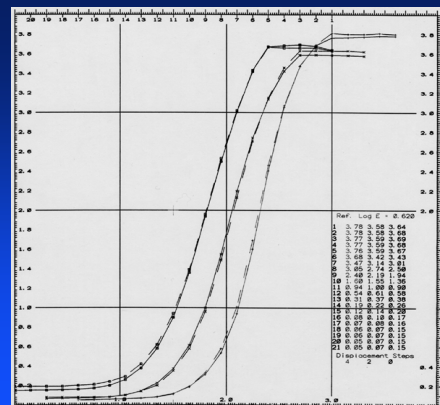
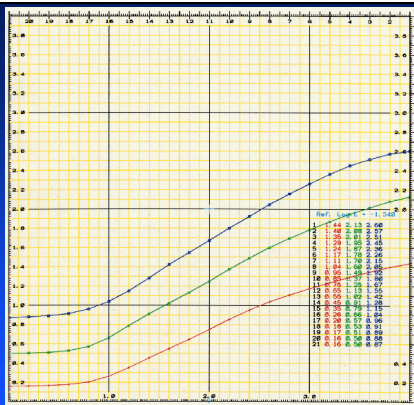
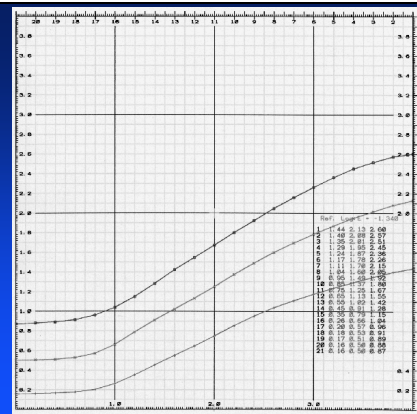
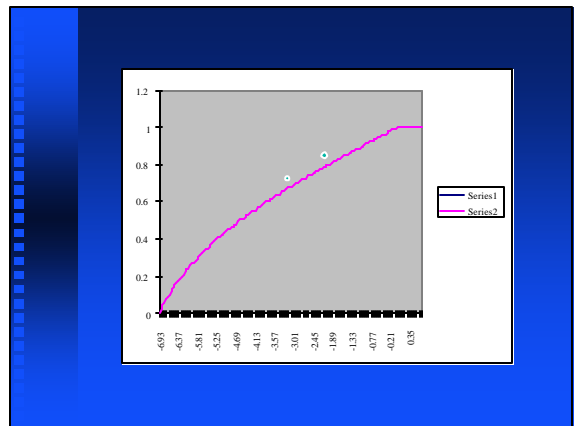
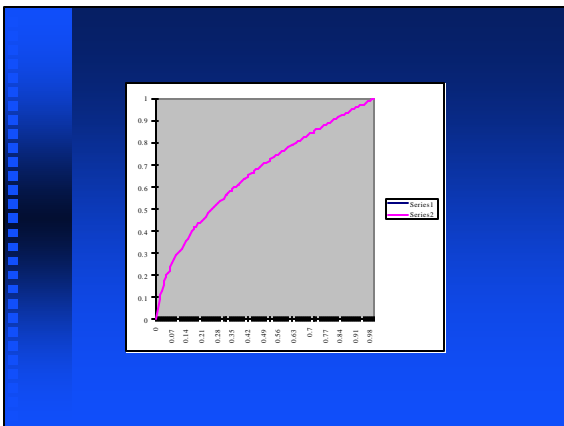
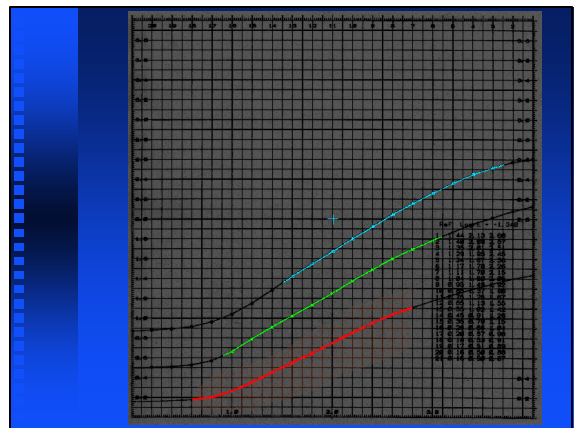
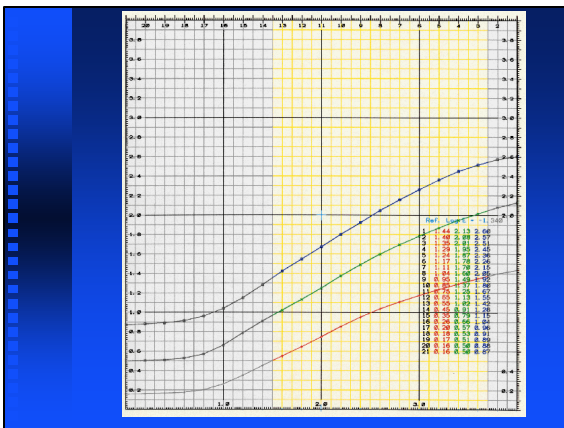
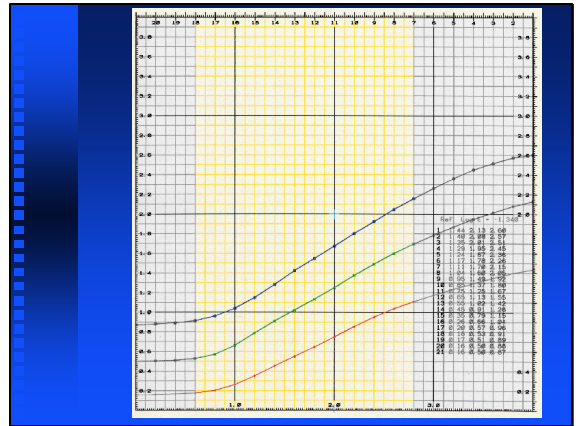
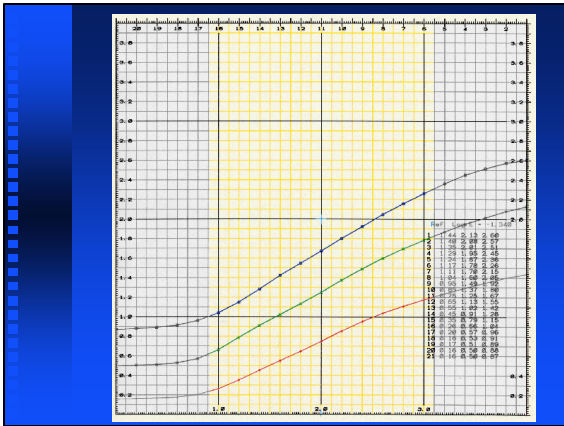


image acquisition





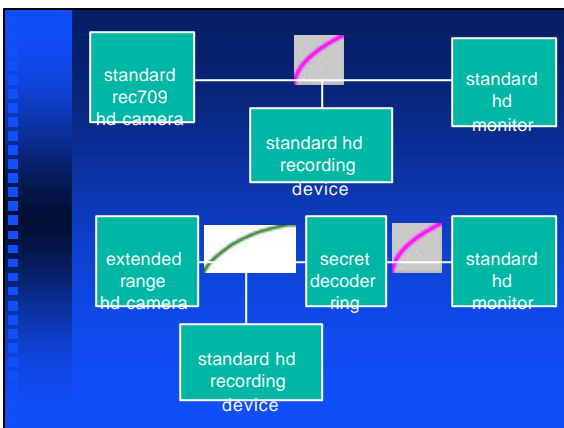
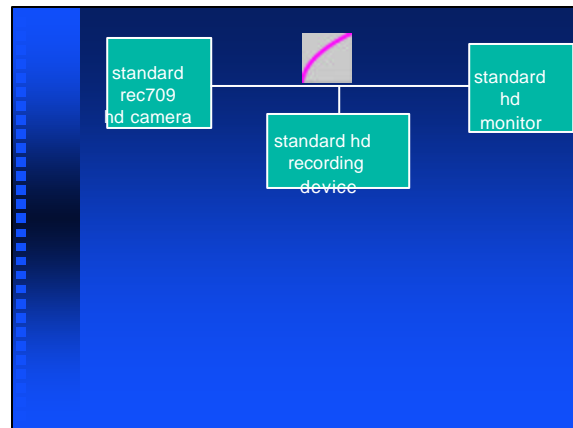
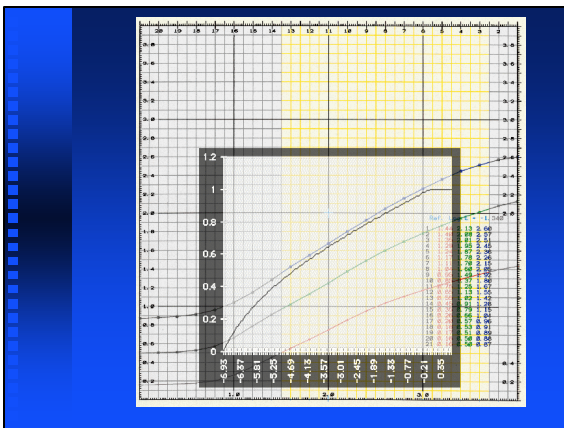
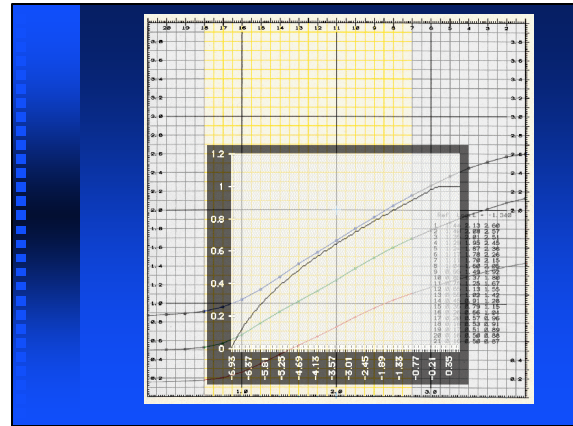
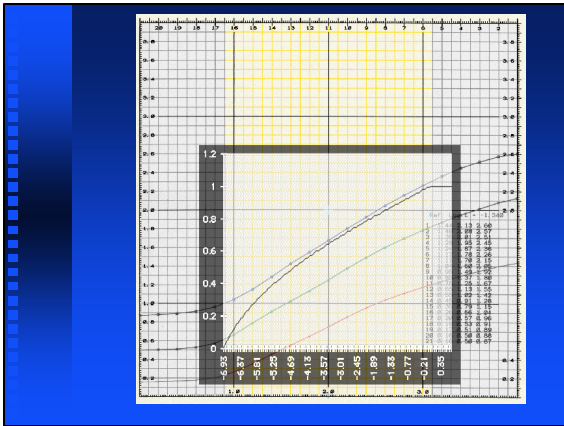
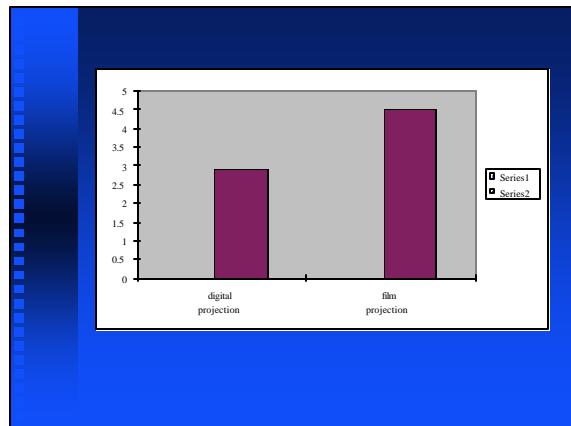
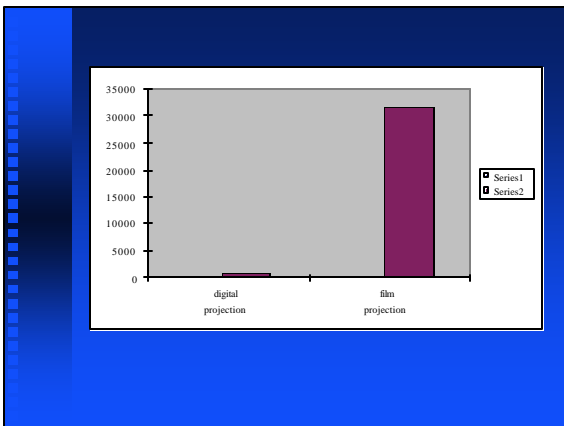
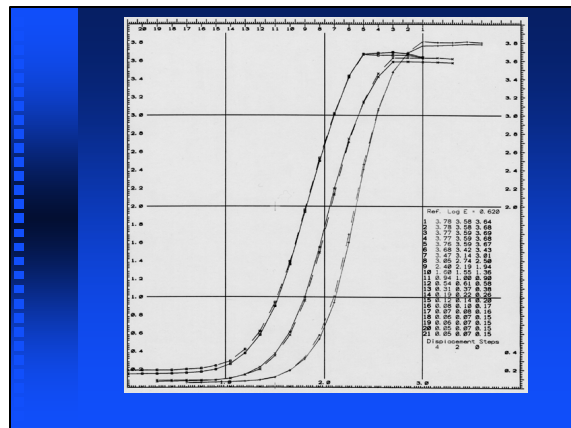
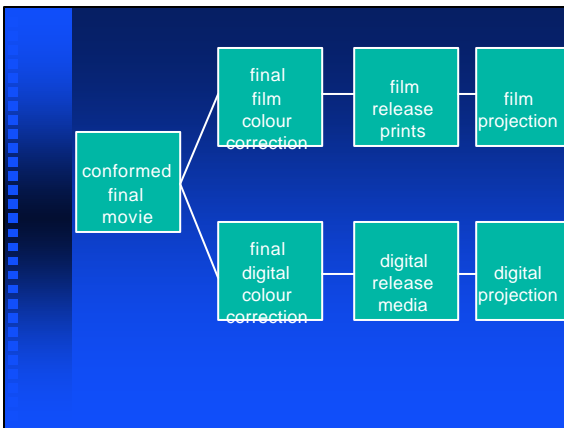
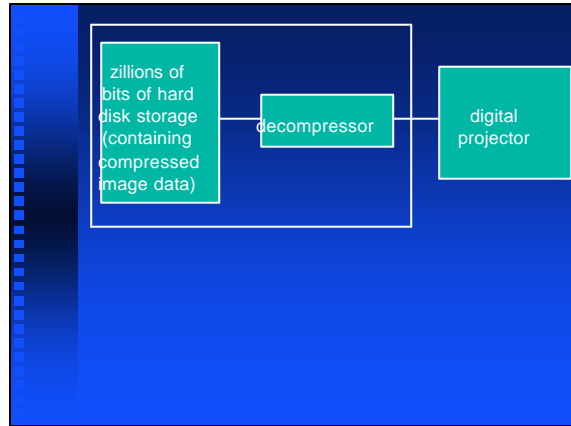
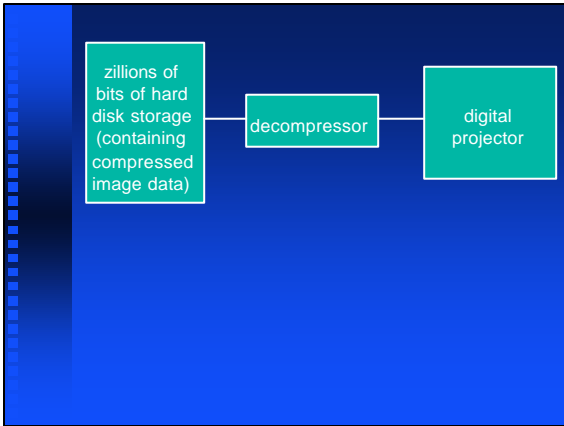
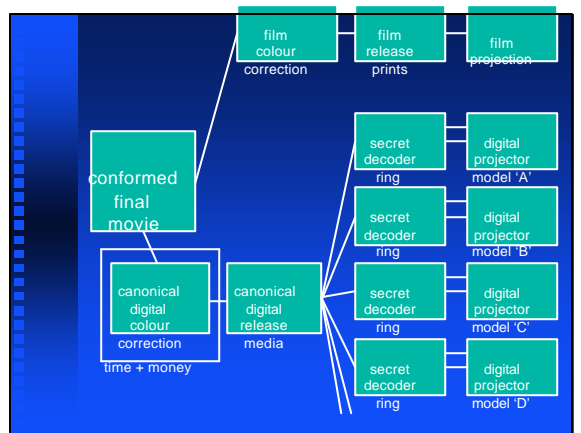
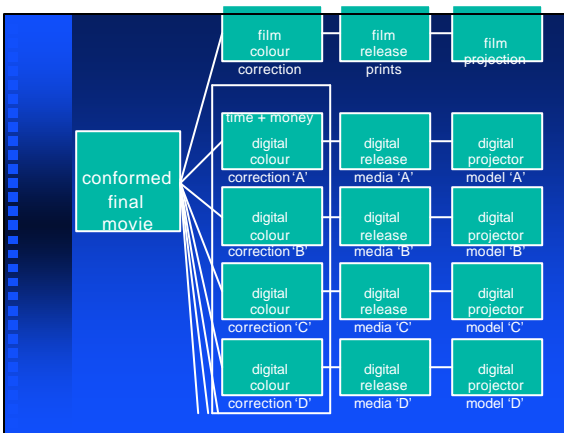
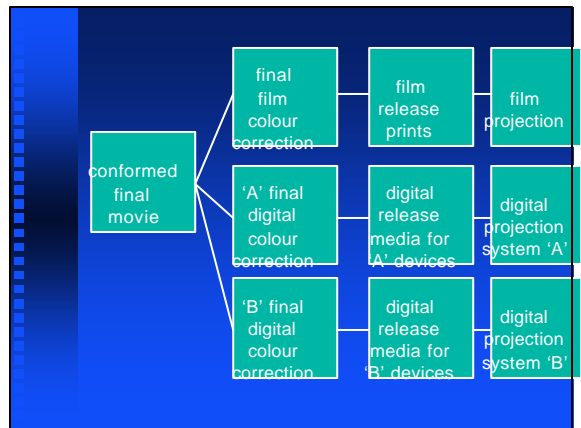
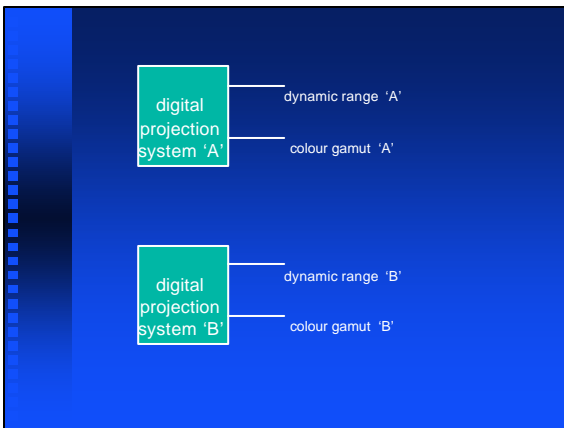
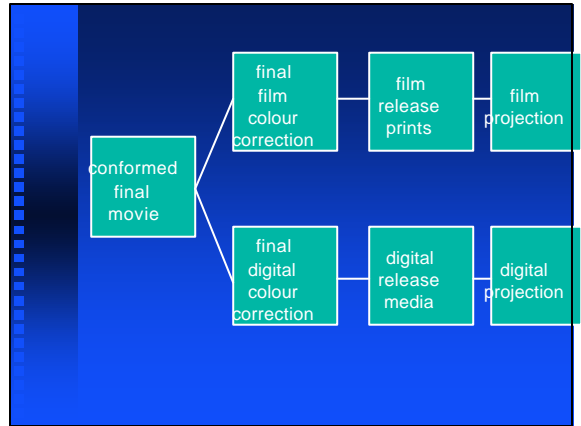
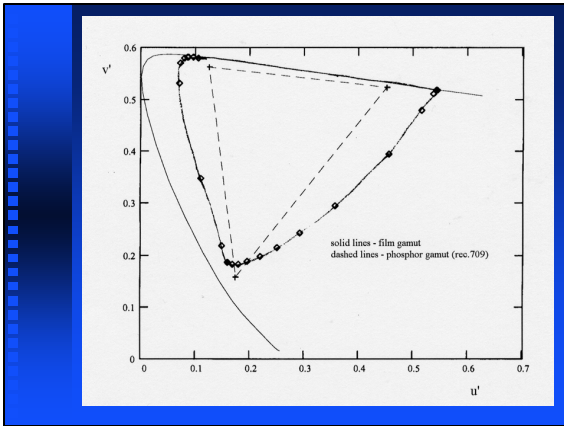
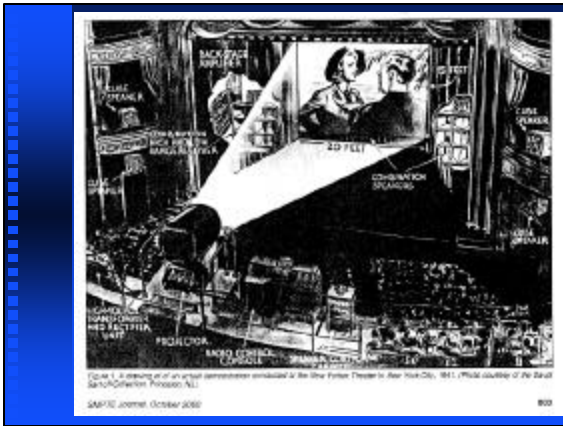


image projection







conclusions - wish list

image acquisition

capture and encode greater dynamic range on the set

without having to retool existing rec 709 compliant recording equipment and other devices

add black box at display time for viewing images on standard monitors during production and post production

image projection

continue to improve dynamic range and colour gamut of digital projection devices

agree on "upward compatible" metric for image representation and distribution

provide device dependent calibration data for black box conversion from this standard distribution metric at showtime